

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 02-284124

(43)Date of publication of application : 21.11.1990

(51)Int.Cl.

G02F 1/167  
G09F 9/37

(21)Application number : 01-106805

(71)Applicant : NIPPON MEKTRON LTD

(22)Date of filing : 26.04.1989

(72)Inventor : OSHIRO TATSUHIKO  
TOYAMA JIRO  
AKATSUKA TAKATOSHI  
TADAKUMA AKIRA  
MORI TAKASHI

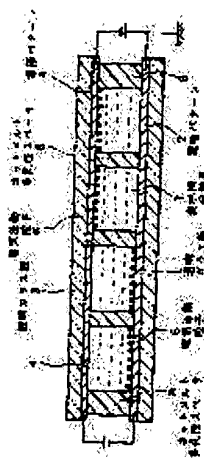
## (54) ELECTROPHORETIC DISPLAY DEVICE AND PRODUCTION THEREOF

(57)Abstract:

PURPOSE: To avert the heating of a dispersion system liquid and to easily and surely inject the dispersion system into the respective pores of spacers by using the porous spacers which can be joined to electrode plates by an induction heating.

CONSTITUTION: The porous spacers 8 are provided between the electrode plates 2 and 4 disposed to face each other and the dispersion system 7 dispersed with electrophoresis particles 6 is divided to discontinuous phases and is sealed therebetween. The porous spacers 8 are selectively joined by using a hot-melt adhesive agent, such as polyamide resin, which can be adhered by the induction heating or the porous spacers 8 are formed on the electrode plate 2 or 4 by using the hot-melt adhesive agent and the spacers 8 are selectively joined thereto by the induction heating at the time of joining the porous spacers to the electrode plate 2 or 4.

The sure sealing of the dispersion system into the respective pores of the porous spacers in a stable state is possible in this way without generating holes even with the dispersion system contg. a solvent of a low b. p.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than  
the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office